BIOGRAPHICAL SKETCH

Name : Brian Dzwonkowski
Job Title : Assistant Professor
Address : Dauphin Island Sea Lab, 101 Bienville Blvd., Dauphin Island, AL 36528
Tel. & email : 251-861-2141 x7563, briandz@disl.org

Professional Preparation

The College of New Jersey	Mathematics	B.A.	1999
University of Delaware	Oceanographic Remote Sensing	M.S.	2003
University of Delaware	Physical Oceanography	Ph.D.	2009
University of Delaware	Physical Oceanography	Post-doc	2009
Dauphin Island Sea Lab	Physical Oceanography	Post-doc	2009-2011

(a) Academic/Professional Appointments

2014-Present	Assistant Professor, University of South Alabama, Mobile, AL
2014-Present	Research Senior Marine Scientist I, Dauphin Island Sea Lab, Dauphin Island, AL
2012-2014	Research Assistant Professor, University of Maine, Orono, ME
2011-2012	Research Senior Marine Scientist I, Dauphin Island Sea Lab, Dauphin Island, AL
2009-2011	Postdoctoral Researcher, Dauphin Island Sea Lab, Dauphin Island, AL
2009	Postdoctoral Researcher, Physical Ocean Science and Engineering Department, College of Marine and Earth Studies, University of Delaware, Newark, DE
2007	Teaching Assistant, College of Marine and Earth Studies, University of Delaware, Newark, DE
2001-2008	Research Assistant, The Center for Remote Sensing, University of Delaware, Newark, DE

(b) Publications

(i) Five Publications Most Closely Related to Proposal

Dzwonkowski, B., K. Park, and R. Collini (2015), The coupled estuarine-shelf response of a river-dominated system during the transition from low to high discharge, *Journal of Geophysical Research,* 120, 6145-6163. doi: 101002/2015JC010714

Dzwonkowski, **B.,** K. Park, Lee, J., B. Webb, and A. Valle-Levinson, (2014), Spatial variability in the spring velocity structure on a river-influenced inner shelf in coastal Alabama, *Continental Shelf Research*, 74, 25-34, doi://dx.doi.org/10.1016/j.csr.2013.12.005

Dzwonkowski, B., and K. Park (2012), Subtidal circulation on the Alabama shelf during the Deep Water Horizon oil spill, *Journal of Geophysical Research*, 117, C03027 doi:10.1029/2011JC007664

Dzwonkowski, B., K. Park, H.K. Ha, W.M. Graham, F.J. Hernandez, and S.P. Powers (2011), Hydrographic variability on a coastal shelf directly impacted by estuarine discharge, *Continental Shelf Research*, 31, 939-950, doi:10.1016/j.csr.2011.03.001

Dzwonkowski, B., K. Park, and L. Jiang (2011), Subtidal across-shelf surface transport and the factors that influence exchange on the Alabama shelf, *Journal of Geophysical Research*, 166, C10012, doi:10.1029/2011JC007188

(ii) Five Other Significant Publications

Dzwonkowski, B., N. Pettigrew, and S. Knapp (2015), Spatial and temporal variability of the velocity and hydrographic structure in a weakly stratified system, Broad Sound, Casco Bay, Maine, *Journal of Geophysical Research,* 120, 4576-4594, doi:10.1002/2014JC010481.

Dzwonkowski, **B.**, K.-C. Wong, and W.J. Ullman (2014), Sea level and velocity characteristics of a salt marsh tidal channel of the Murderkill Estuary, Delaware, *Journal of Coastal Research*, doi: http://dx.doi.org/10.2112/JCOASTRES-D-12-00161.1

Lee, J., B. Webb, **B. Dzwonkowski**, K. Park, and A. Valle-Levinson, (2013), Bathymetric influences on tidal currents at the entrance to a highly stratified, shallow estuary. *Continental Shelf Research,* 58, 1-11, doi:10.1016/j.csr.2013.03.002.

Dzwonkowski, **B.,** and K. Park (2010), Influence of wind stress and discharge on the mean and seasonal currents on the Alabama shelf of the northeastern Gulf of Mexico, *Journal of Geophysical Research*, 115, C12052, doi:10.1029/2010JC006449

Wong, K.-C., **B. Dzwonkowski**, and W.J. Ullman (2009), Temporal and spatial variability of sea level and volume flux in the Murderkill estuary, *Estuarine, Coastal and Shelf Science*, 84, 440-446, doi:10.1016/j.ecss.2009.07.008

(c) Data sets published

(i) Five Datasets Most Closely Related to Proposal

Dzwonkowski, B., K. Park, and M. Tzeng (2016) Fisheries Oceanography in Coastal Alabama (FOCAL) Mooring Data (SPRING 2011), Gulf of Mexico Research Initiative Information and Data Cooperative (GRIIDC), Gulf of Mexico Research Initiative (GoMRI), doi:10.7266/N77S7KTZ

Dzwonkowski, B. (2016). Acoustic Current Doppler Profiler mooring and velocity current structure data, Alabama inner shelf, Feb 10 – June 09, 2011. Gulf of Mexico Research Initiative Information and Data Cooperative (GRIIDC), Gulf of Mexico Research Initiative (GoMRI), doi:10.7266/N7ZW1HW9

Dzwonkowski, B., G. Lockridge, and S. Dykstra (2016). Drifter data at Main Pass, Mobile Bay Release 1 (2015/09/04). Gulf of Mexico Research Initiative Information and Data Cooperative (GRIIDC), Gulf of Mexico Research Initiative (GoMRI), doi:10.7266/N7ZW1HW9

Tzeng, M.W., **B. Dzwonkowski**, and K. Park. (2015a). Data Processing for a Small-Scale Long-Term Coastal Ocean Observing System Near Mobile Bay, Alabama: A Geoscience Papers of the Future (GPF) Software Set. Zenodo, doi: 10.5281/zenodo.32741.

Tzeng, M.W., **B. Dzwonkowski**, and K. Park. (2015b). Data Processing for a Small-Scale Long-Term Coastal Ocean Observing System Near Mobile Bay, Alabama: A Geoscience Papers of the Future (GPF) Workflow Diagram. Dauphin Island Sea Lab: Dzwonkowski Lab. Zenodo, doi: 10.5281/zenodo.34435.

(ii) Five Other Significant Data Sets

Dzwonkowski, B., S. Dykstra, G. Lockridge, and S. O'Brien (submitted 2016) CTD profiles collected during Fall survey (Sep 20 - Oct 29 2015), Gulf of Mexico Research Initiative Information and Data Cooperative (GRIIDC), Gulf of Mexico Research Initiative (GoMRI), UDI: R4.x260.204:0021.001

Dzwonkowski, B., S. Dykstra, G. Lockridge, and S. O'Brien (submitted 2016) Fisheries Oceanography in Coastal Alabama (FOCAL) Mooring DATA (Fall 2015), Gulf of Mexico Research Initiative Information and Data Cooperative (GRIIDC), Gulf of Mexico Research Initiative (GoMRI), UDI: R4.x260.204:0034.001

Dzwonkowski, B., S. Dykstra, G. Lockridge, and S. O'Brien (submitted 2016) CTD profiles collected during Spring survey, Apr 3-19 2016 UDI: R4.x260.204:0024.001

Dykstra, S., **B. Dzwonkowski**, G. Lockridge and S. O'Brien (submitted 2016) Drifter Releases in the Ebb Tidal Plume of Main Pass, Mobile Bay, Alabama. Gulf of Mexico Research Initiative Information and Data Cooperative (GRIIDC), Gulf of Mexico Research Initiative (GoMRI), UDI: R4.x260.204:0023.006

O'Brien, S., S. Dykstra and **B. Dzwonkowski** (submitted 2016) LISST-100X in situ data March-April 2016. Gulf of Mexico Research Initiative Information and Data Cooperative (GRIIDC), Gulf of Mexico Research Initiative (GoMRI), UDI: R4.x260.000:0012